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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/898,521	07/03/2001	Charles Daniel Schaper	Stanford MxL 01	7538
7590 08/11/2004			EXAMINER	
Franklin Schellenberg 4023 Villa Vista			MOHAMEDULLA, SALEHA R	
Palo Alto, CA 94306			ART UNIT	PAPER NUMBER
			1756	
			DATE MAILED: 08/11/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No.	Applicant(s)	
09/898,521	SCHAPER, CHARLES DANIEL	
Examiner	Art Unit	
Saleha R. Mohamedulla	1756	
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priority under 35 U.S.C. § 119(a) is have been received. Is have been received in Application ity documents have been received (PCT Rule 17.2(a)). It is not received the certified copies not received.	on No ed in this National Stage	
4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:		
	Examiner Saleha R. Mohamedulla ears on the cover sheet with the c ISSET TO EXPIRE 3 MONTH(36(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days fill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI date of this communication, even if timely filed O4. action is non-final. fice except for formal matters, process fix parte Quayle, 1935 C.D. 11, 45 over from consideration. The election requirement. The election requirement of the drawing(s) is objusted to by the Electron is required if the drawing(s) is objusted to by the Electron is required if the drawing(s) is objusted to be priority under 35 U.S.C. § 119(a) So have been received. So have been received in Application in the control of the certified copies not received in the certified copies not received. A) Interview Summary Paper No(s)/Mail Days 5) Notice of Informal P. A) Interview Summary Paper No(s)/Mail Days 5) Notice of Informal P.	

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DETAILED ACTION

Claims 1-23 are pending.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 2. Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by US# 6,225,026 to Lifshitz et al.

Lifshitz teaches in Figure 3 preparing a stencil and using it for screen printing. Stencil 30 is made of a UV curable material (photo polymer) 32 and a fine mesh 38. A photographic film 34, containing image 33, is laid over the photo polymer 32, and acts as a mask during the exposure of stencil 30, in a contact exposure process. The UV curable material hardens as it is exposed to UV light 36 through transparent areas 31 in the photographic film 34. The film 34 is removed and the stencil is washed out, in the developing process, leaving the mesh 38 and the cured material 39. The stencil is then used for printing ink 37 on paper 35. Ink 37 is inaccessible to paper 35 in the areas defined by the cured material 39, and will contact paper 35 only in the non cured areas 33' around the cured material 39. Numerous versions of this principle exist, with direct (on-mesh processing) and indirect (off-mesh processing) emulsions and photo polymer films (col. 1, line 55 – col. 2, line 5). Therefore, Lifshitz teaches coating a

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carrier with a photoresist, exposing the resist to UV radiation, transferring and developing the photoresist. Lifshitz teaches that the carrier layer consists of a non-woven tissue with natural and synthetic fibers (col. 3, lines 55-65). Therefore, Lifshitz teaches the limitations of claims 3-5. Lifshitz also teaches the use an adhesion layer. Lifshitz teaches that a cover layer 76 may be used on the liquid curable material impregnating stencil in order to impart smoothness and facilitate removal of the uncured material (col. 6, lines 30-40). Because layer 76 is peelable as shown in Figure 7, the layer is removable. The figures show that the carrier, substrate and intervening films are pressed together. Lifshitz also teaches heating the stencil with a laser beam for thermal heating (col. 1, lines 40-50). Because development is performed, Lifshitz teaches a solvent. It is inherent that alignment occurs between the carrier, exposed resist and substrate.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Saleha Mohamedulla whose telephone number is (571) 272-1387. The Examiner can normally be reached Monday-Friday, from 8:00 AM to 4:30 PM. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Mark Huff, can be reached on (571) 272-1385. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent
Application Information Retrieval (PAIR) system. Status information for published applications
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Saleha R. Mohamedu

Patent Examiner

Technology Center 1700

August 9, 2004